

This document describes the basic steps to perform the initial setup of a Snap Server 4100. This is based on Snap Server's Quick Configuration Wizard.

Snap Server 4100 3 Δ 6 1 5 2 9 1 Status lights 4 Network connector 2 Power button 5 Reset button 3 Server number label<sup>1</sup> 6 Power connector 1. There are two numbers on the label: a 6 digit server number and a 10 digit serial number. The 10 digit serial number usually starts with FC, JB or CX.

Assuming you have the Snap Server already connected to your LAN

To turn on the Snap Server 4100, press the Power Button (2) until the System Light turns on, then release the button and wait for the server to start up. When the System light starts blinking at a steady rate (about once a second), the startup is complete.

To configure the Snap Server and use it in some network environments, it must have an IP address. (An IP address is a network address and is required for TCP/IP.) Your Snap Server can automatically obtain an IP address from a DHCP, BOOTP, or RARP server. Verify with your DHCP Server, what IP Address has been assigned.





## DISCLAIMER

This Technical Tip or TechNote is provided as information only. I cannot make any guarantee, either explicit or implied, as to its accuracy to specific system installations / configurations. Readers should cone each Vendor for further information or support.

Although I believe the information provided in this document to be occurate at the time of writing, I reserve the right to modify, update, retract or atherwise change the information contained within for any reas and without notice. This technote has been created after studying the material and / or proctical evaluation by myself. All hability for use of the information presented here remains with the user To start with the setup select your preferred language. The Login Window will appear.

Default Settings: Username: **administrator** Password: *none* 

Prompt	×
j	Enter username and password for "config" at http://192.168.10.33 User Name:
	Password:
	Use Password Manager to remember this password.
	OK Cancel

Type User Name, and click OK



Everything else is based on Quick Configure, which allows you to snap together your own server configuration.









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Welcome to Quick Configure!	
This server has already been configured with default settings. Quick Configure will help you cha these default settings. Some advanced administration features are not available in Quick Conf but you can access them using the utilities on the Administration menu.	ange igure,
Quick Configure saves any changes you make each time you press Next. However, some chan won't take effect until after the server is restarted. The last configuration step will prompt you to the Snap Server if it's required.	iges restart
Close Next	
Done	

Click on **NEXT** and assign a administrator password.

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You should assign an administrator password if you want to protect your server from unauthori changes.	zed
C No, I don't want to assign a password (I don't care about security)	
Yes, I want to assign the following administrator password:	
Password www	
Note: press your browser's Reload or Refresh button if you continue to see this page after you've assigned (or to assign) an administrator password.	opted not
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Done	//.

Click on **NEXT** 



On the next screen, you can assign Server Name, default would be SNAP & Serial Number

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Specify the name of this server.	
Server Name storage-2 (Limit 15 characters)	
Prev Next	
Done	11.

Click on NEXT and specify the current date, time and time zone for the server. This is based on a 24-hour value

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Specify the current date, time and time zone for the server. Enter the time as a 24-hour value example, you would enter 3:30 PM as 15:30:00. After you've finished Quick Configure, you chow dates and times are displayed from the Date/Time page.         Date (mm/dd/yyyy)       12       / 22       / 2005         Time (hh:mm:ss)       20       : 47       : 46	e. For an specify
Time Zone (UTC +1:00) Western & Central Europe; Berlin, Paris, Rome 💌	
Automatically adjust clock for daylight saving changes	
Prev Next	
Done	

Click on NEXT











## 5 Minutes Snap Server Setup

## page 5 of 10

On following screen, you can choose to use DHCP or hard code the Settings. On a server system, I always set TCP Settings by myself. You also want to have this NAS System in your local DNS environment, by using the it's Name, instead of IP Address.

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STORAGE-2 • Quick Configure	elp Tech.
Specify this server's IP Address, Default Gateway and Subnet Mask. If you change TCP/IP sett and your Web browser connected to the Snap Server using its IP address, you may need to en new Web Address to re-connect after the server restarts. © Obtain TCP/IP settings from a DHCP, BOOTP or RARP server	ings, ter a
	" in the
Server IP Address 192 . 168 . 10 . 11	
Subnet Mask 255 . 255 . 255 . 0	
Default Gateway 192 . 168 . 10 . 254	
WINS IP Address 0 . 0 . 0	
Prev Next	
Done	

Depending, what services you want to provide, but you have to select at least one of the list.

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Which of the following networking environments do you want to enable? We recommend anable only those networking environments that you need.	that you
/ou must select at least one.	
Microsoft Networking	
Novell Networking	
Apple Networking	
VINIX NFS	
Prev Next	
	•
Done	//

Mark the services and click on NEXT. You still can add other services later on.









If you have chosen Mircosoft-compatible networking, you are asked to enable NetBIOS.

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Set up Microsoft-compatible networking. If you're not sure what settings are appropriate for network, use the default settings below, which should be appropriate for most Microsoft networking networks. After you've finished Quick Configure, you can set advanced Microsoft netwo parameters from the Microsoft Networking page. Enable NetBIOS over: <ul> <li>TCP/IP</li> <li>NetBEUI</li> <li>TCP/IP</li> </ul>	your working rking
Workgroup/Domain Name HOME-NETWORK	
Prev Next	
Done	//.

Click on NEXT

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If you enable Web services for all users, any user can use a Web browser to access the Snap home page and all public folders on the Snap Server's drives.	Server
If you don't enable Web services for all users, only Administrators can access the Snap Server page and public folders on the Snap Server's drives.	home
Whichever you choose, this Web Administration utility is always, and only, accessible by an Administrator.	
Enable Web Services for All Users	
Prev Next	
	1.
Done	

On this screen you can enable WEB Services for all Users, meaning they can access the folders, using a web browser. Click on  $\ensuremath{NEXT}$ 









Next page get's you a note, regarding Security settings, which can be set via the WEB Administration page. It's not part of the Quick Configure Process.



The Snap Server is default set to RAID 5. You can change this also on the Administrator Menu. The process to change the RAID Level will take several hours.



Click on NEXT



Now it's time to make the changes take effect, by restarting the Snap Server. Before Restarting, always, verify that no Open Files exist.

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You must restart this server in order for your changes to take effect. If you want you can restart th server at a later time	9
Done	

You will get a notification window of the restarting process. Remember, that you may have changed the IP Address, when reconnecting to the server.











During the Restart, you can administer your DNS Server, as required. In this example I added some screenshots, based on my DNS Plus Server

## Create a New Host Address

Simple Di	S Plus - DNS Re	cords			_	
<u>F</u> ile <u>V</u> iew	<u>T</u> ools <u>H</u> elp					
🕐 - 🖸	Я (	2	×	2	2	
New Qui	ck Reverse	Properties Copy	Delete	Refresh	Help	
lones		bemsel.home				
10.168.19	2.in-addr.arpa	Name		Туре	Data	
👌 bemsel.he		homeol home		SOA	boston [2005121801]	
	New Host Ad	dress (A-record)		NS	boston	
	New Alias (Cl	VAME-record)		MX	boston.bemsel.home [10]	
	New Mell Con			A	192.168.10.10	
	New Mail Ser	ver (MX-record)	ome	Δ	192.168.10.254	
New DNS Ser		ver (NS-record)		Å	192.168.10.152	
	Other new re	cord Stra+N		A	192.168.10.233	
3		cordini bargini	-	A	192.168.10.235	
	Copy	Strg+C		A	192.168.10.81	
	Delete	Entf	tf B	A	192.168.10.83	
		End		A	192.168.10.249	
	Properties	F4		A	192.168.10.232	
		munich bernsel home		A A	192.160.10.02	
		netgear.bemsel.home		Å	192.168.10.245	_
		panasonic.bemsel.hor	ne	A	192.168.10.246	
		portal.bemsel.home		A	192.168.10.162	
		radar.bemsel.home		Α	192.168.10.20	
						<b>INC</b>

Don't forget to update Reverse Zone, for reverse Lookups. When reloading of DNS Records, verify with DNS Lookup.

	🖎 C:\WINNT\system32\cmd.exe - nslookup	
A-Record Properties Host address (A) Record name (host): [storage-2 bemsel home IP address: [192.168.10.11 Record Time To Live (TTL): 1 Hours ▼ Record comments: ✓ Update Reverse Zone OK Cancel Help	C:\Documents and Settings\Administrator>nslookup Default Server: boston.bemsel.home Address: 192.168.10.234 > storage-2.bemsel.home Server: boston.bemsel.home Address: 192.168.10.234 Name: storage-2.bemsel.home Address: 192.168.10.11 >	

This will help you to connect to the Snap Server using the Server Name instead of remembering the IP Addresses.

This is not required, but recommended.









After reconnecting to your Snap Server, by typing either the IP Address or the DNS Name, you should be able to connect to the WEB



From here, you can do all other administrative things.









